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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/007,164	11/30/2001	Richard Gore	CSCO-111868	4274

7590 05/02/2006

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EXAMINER

TIV, BACKHEAN

ART UNIT PAPER NUMBER

2151

DATE MAILED: 05/02/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.		Applicant(s)	
	10/007,164		GORE ET AL.	
	Examiner		Art Unit	
	Backhean Tiv		2151	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 10 February 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

***Detailed Action***

Claims 1-26 are pending in this application. Claims 1-20 have been amended.

This is a response to the Amendment/Remarks filed on 2/10/06.

***Claim Rejections - 35 USC § 112***

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1-26 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. The applicant specification does not explicitly describe granular subset of task associated with said electronic commerce transaction. For purpose of an art rejection, the examiner interprets, "granular subset of task", as merely task associated with e-commerce transaction.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1,2,4-11,13,14,16-21,23-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Publication 2003/0014464 issued to Deverill et al.(Deverill) in view of US Patent 6,578,077 issued to Rakoshitz et al.(Rakoshitz)

As per claim 1, 13, 20, Deverill teaches a computer system comprising:  
a bus(Figs.1-9; shows computer systems, it is implicit that there is a bus because a bus is an essential element in order for a computer to operate);  
a processor coupled to said bus(Figs.1-9; shows computer systems, it is implicit that there is a processor coupled to a bus because a processor coupled to a bus is an essential element in order for a computer to operate);  
and a memory unit coupled to said bus, said processor for executing a method for monitoring electronic commerce transactions(Figs.1-9; shows computer systems, it is implicit that there is a memory unit coupled to a bus for executing an operation because a memory unit coupled to a bus is an essential element in order for a computer to operate), said method comprising the steps of:  
determining application test latency for a select, granular subset of tasks associated with said electronic commerce transaction (Abstract, paragraph 0014; Deverill teaches that individual tasks can be tagged and time and can be evaluated to produce desired latency and/or summary data ); and indicating said application test latency on a display(Fig.7; shows latency).

Deverill however does not teach determining network transport latency; and indicating said network transport latency on a display.

Rakoshitz teaches network transport latency(Figs. 1-15, col.5, lines 3-15); and indicating said network transport latency on a display(Figs. 1-15, col.5, lines 3-15).

Therefore it would have been obvious to one ordinary skill in the art at the time of the invention to modify the teachings of Deverill to include network transport latency as taught by Rakoshitz in order to determine the delay of packet from a source to a destination(Rakoshitz, col.5, lines 3-15).

One ordinary skill in the art at the time of the invention would have been motivated to combine the teachings of Deverill and Rakoshitz in order to provide a system to measure the latency of an application and to measure the delay of transmitting a packet(Deverill, Figs.1-9, Rakoshitz, col.5, lines 3-15).

As per claim 2, 14, 21, wherein said method for monitoring electronic commerce transactions further comprises: determining a network transport latency baseline that indicates an average of previously determined values of network transport latency for a given day and time(Deverill, Fig.7; Rakoshitz Figs.1-15); and determining an application test latency baseline that indicates an average of previously determined values of application test latency for a given day and time(Fig.7; shows "Time(dd mmm yyy hh:mm:ss)" ). Motivation to combine set forth in claim 1.

As per claim 4,5,16, 23, wherein said method for monitoring electronic commerce transactions further comprises:  
calculating a network transport latency unloaded baseline , said network transport latency unloaded baseline indicating the lowest calculated network

transport latency during a given time period(Rakoshitz, Fig.13; shows "Min"); and displaying said network transport latency, said network transport latency baseline and said network transport latency unloaded baseline on the same graph(Rakoshitz, Fig.13). Motivation to combine set forth in claim 1.

As per claim 6,7,17,24, wherein said method for monitoring electronic commerce transactions further comprises: calculating an application test latency unloaded baseline, said application test latency unloaded baseline indicating the lowest calculated application test latency during a given time period(Rakoshitz, Fig.13); and displaying said application test latency, said application test latency baseline and said application test latency unloaded baseline on the same graph(Rakoshitz, Fig.13)

Therefore it would have been obvious to one ordinary skill in the art at the time of the invention to modify the teachings of Deverill to calculate unloaded baseline indicating the lowest calculated latency as taught by Rakoshitz to include calculating application test latency instead of transport latency in order to determine the minimal latency.

On ordinary skill in the art at the time of the invention would have been motivated to combine the teachings of Deverill and Rakoshitz in order to provide a system to calculate different types of latency.

As per claim 8,18,25, wherein application component latency is determined for each of a plurality of application components and wherein said application component latency for each of said plurality of application components can be displayed(Deverill,

paragraph 038-0079; teaches The front office and back office latency for ref #1 and ref #2).

As per claim 9,10,11,19,26. an application component latency baseline and an application component latency unloaded baseline are determined wherein for each of a plurality of application components and wherein a graph can be generated for each of said plurality of application components that includes said application component latency, said application component latency baseline and said application component latency unloaded baseline(Deverill, Fig.7; Rakoshitz Figs.1-15; Deverill in view of Rakoshitz teaches determining a network transport latency baseline that indicates an average of previously determined values of network transport latency for a given day and time and graphing the baseline).

Therefore it would have been obvious to one ordinary skill in the art at the time of the invention to modify the teachings of Deverill in view of Rakoshitz of determining network transport latency to determine application component latency in order to calculate latency for different components in a system.

One ordinary skill in the art at the time of the invention would have been motivated to modify the teachings of Deverill and Rakoshitz to provide a system where one can calculate different latency for different types of applications.

Claims 3,12,15,22 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Publication 2003/0014464 issued to Deverill et al.(Deverill) in view of US Patent 6,578,077 issued to Rakoshitz et al.(Rakoshitz) in further view of Office Notice.

As per claim 3, 15,22, Deverill in view of Rakoshitz teaches wherein said method for monitoring electronic commerce transactions further comprises:

determined network transport latency from previously determined values of network transport latency for a given day and time(Rakoshitz, Figs.1-19); determined application test latency from previously determined values of said application test latency for a given day and time(Deverill, Figs.1-9); and wherein said step of indicating said network transport latency and said application test latency further includes displaying said network transport latency and displaying of said application test latency(Rakoshitz, Figs.1-19, Deverill, Figs.1-9).

Deverill in view of Rakoshitz however does not teach determining deviation. Office Notice is taken. It is obvious to one ordinary skill in the art at the time of the invention to calculate deviation of information to in order to determine the absolute difference between one number in a set and the mean of the set for the data.

One ordinary skill in the art at the time of the invention would combine the teachings of Deverill, Rakoshitz, and calculate deviation for data to provide a system to compare different types of data.

Deverill in view of Rakoshitz does not explicitly teach as per claim 12, wherein said application components include a login component, an order component, a configure component and a help component.

Office Notice is taken; it is obvious to one ordinary skill in the art at the time of the invention to use a login component, an order component, a configure component and a help component because these components are common components in e-commerce environment.

Therefore it would have been obvious to one ordinary skill in the art at the time of the invention to modify the teachings of Deverill in view of Rakoshitz to explicitly use a login component, an order component, a configure component and a help component in order to determine different latency for different components in a system.

One ordinary skill in the art at the time of the invention would have been motivated to combine the teachings of Deverill, Rakoshitz, and different types of components to provide a system to measure the latency of many application components.

### ***Response to Arguments***

The Office withdraws the 101 Rejection based on applicant's argument filed on 1/10/06.

Applicant's arguments filed 2/10/06 have been fully considered but they are not persuasive. The applicant argues in substance that Deverill in view of Rakoshitz does not teach determining a test latency for a select, granular subset of task associated with e-commerce transaction. The Office disagrees, Deverill, Abstract, paragraph 0014 teaches that the latency of individual task can be measured.

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO-892.

US Patent 6,633,908 issued to Leymann et al.

US Pub 2002/0147937 issued to Wolf

US Patent 6,675,054 issued to Ruberg


Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Backhean Tiv whose telephone number is (571)272-3941. The examiner can normally be reached on 9 A.M.-12 P.M. and 1 -6 P.M. Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on (571) 272-3939. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
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4/28/06

  
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SUPERVISORY PATENT EXAMINER